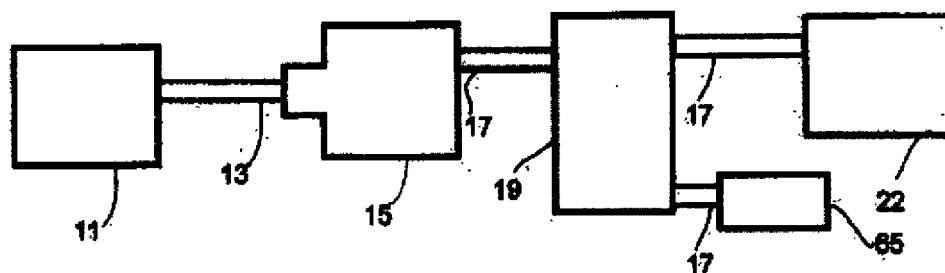
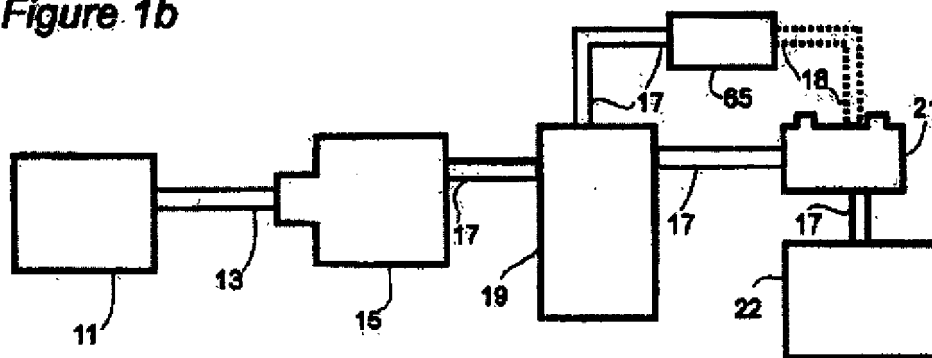


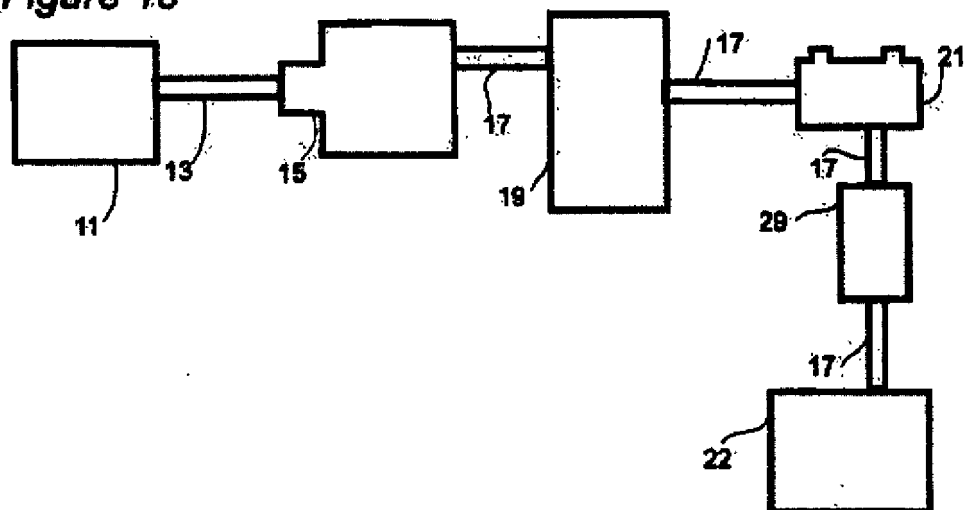
**Figure 1a**



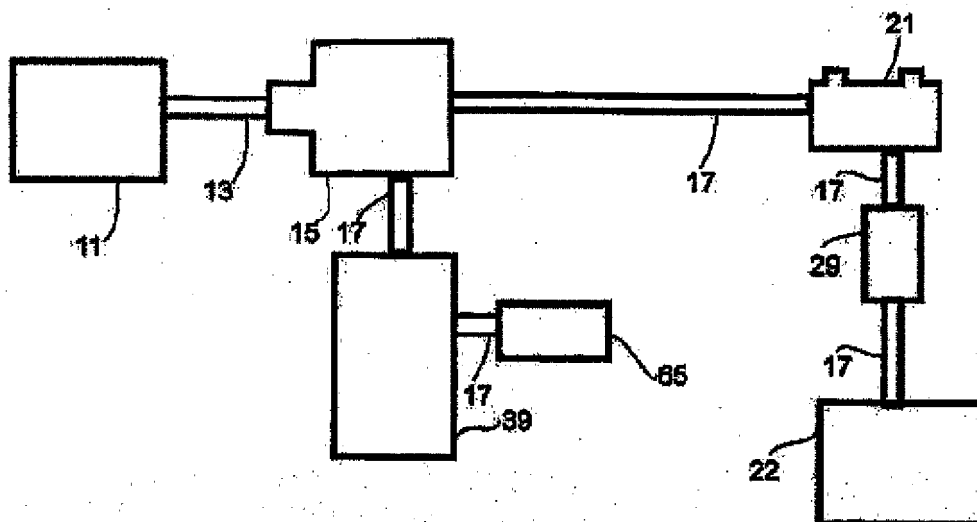
**Figure 1b**



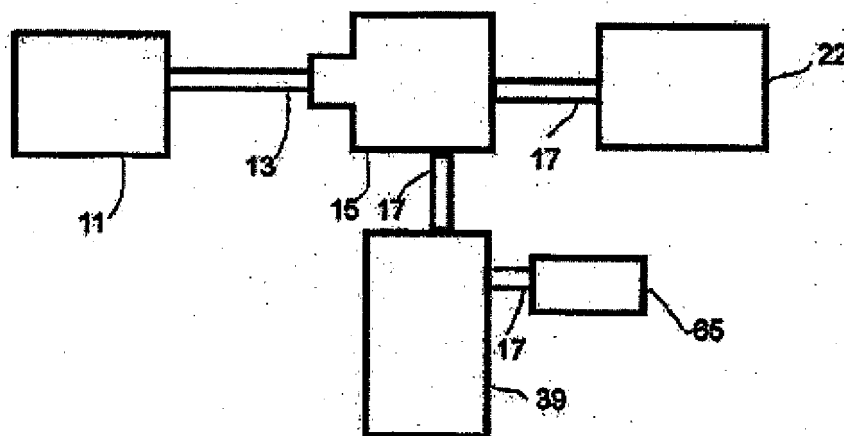
**Figure 1c**



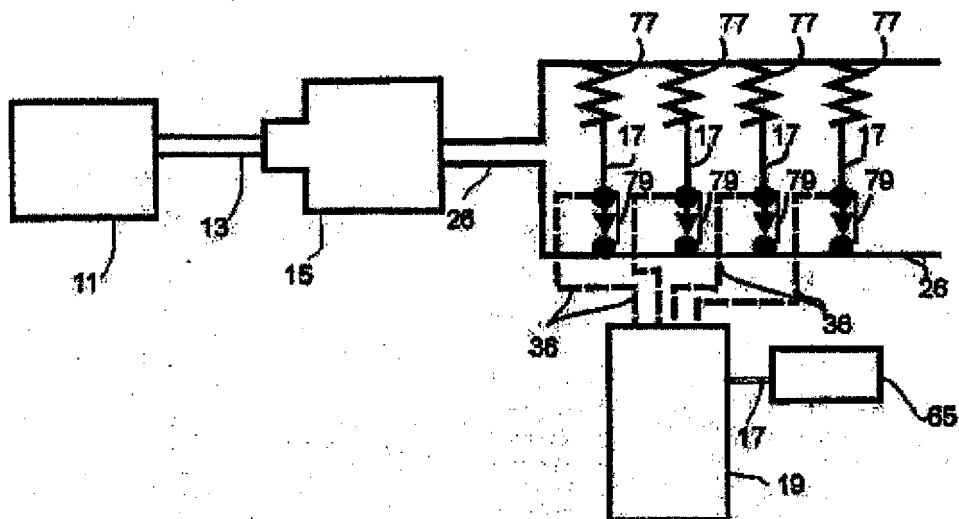
**Figure 1d**



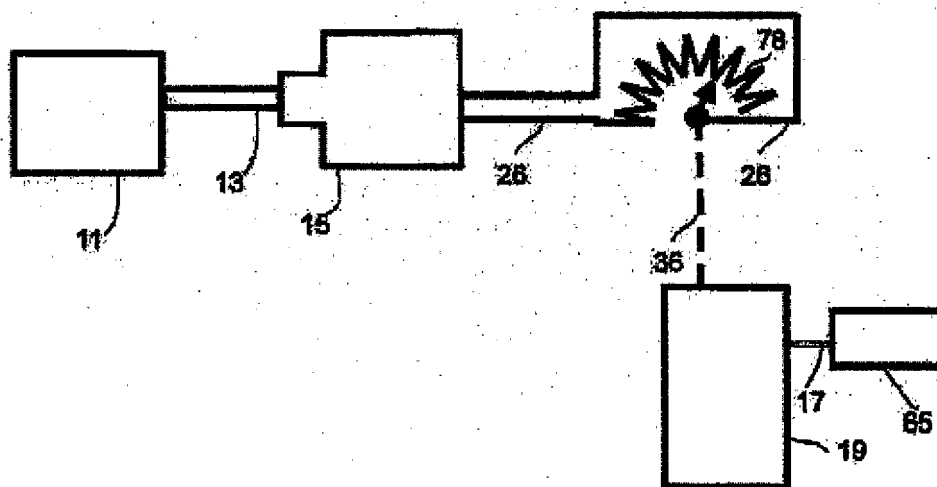
**Figure 1e**



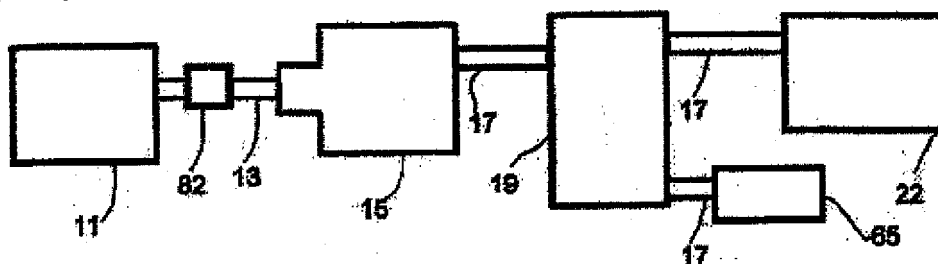
**Figure 1f**



**Figure 1g**

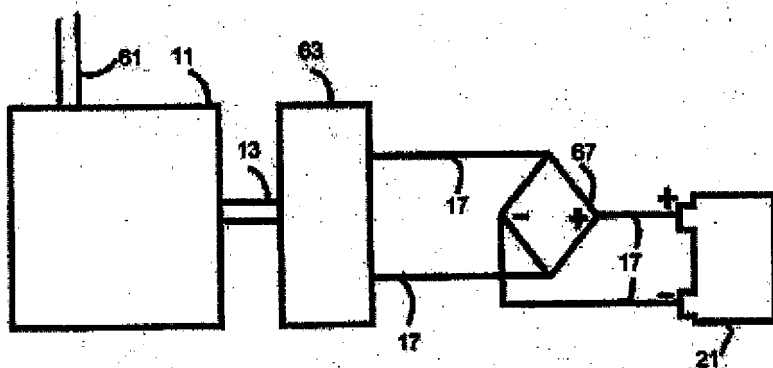


**Figure 1h**

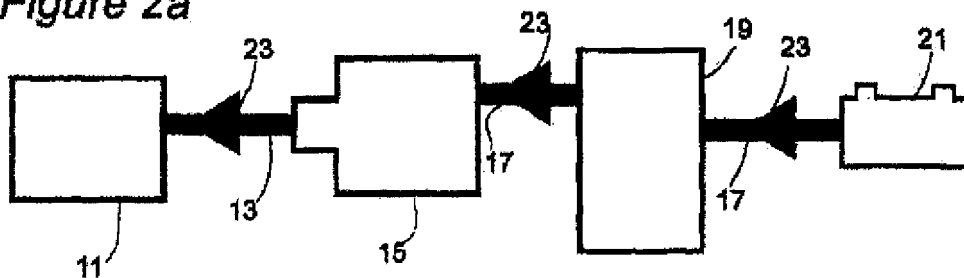


**Figure 9a**

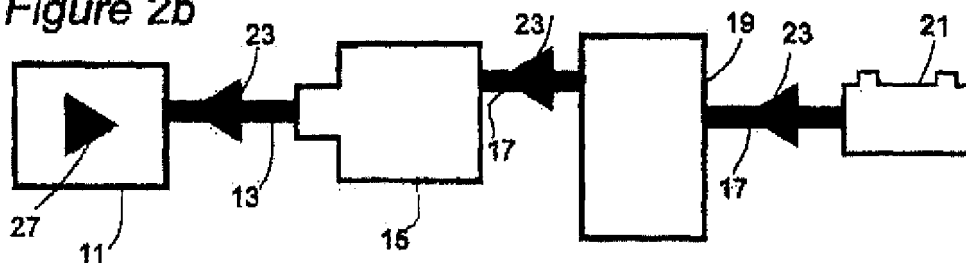
**PRIOR ART**



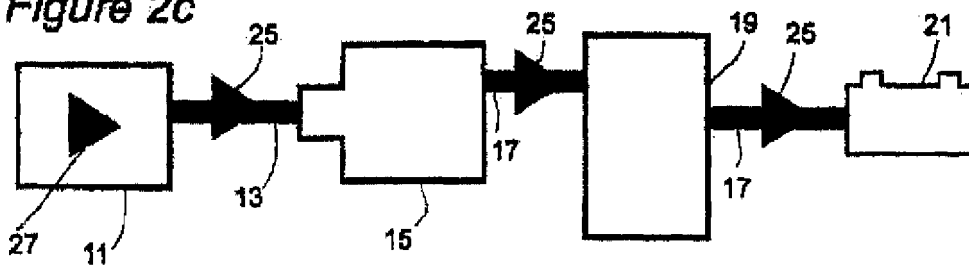
**Figure 2a**



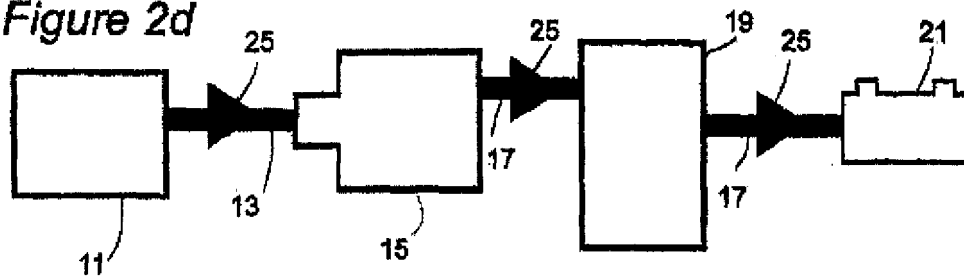
**Figure 2b**



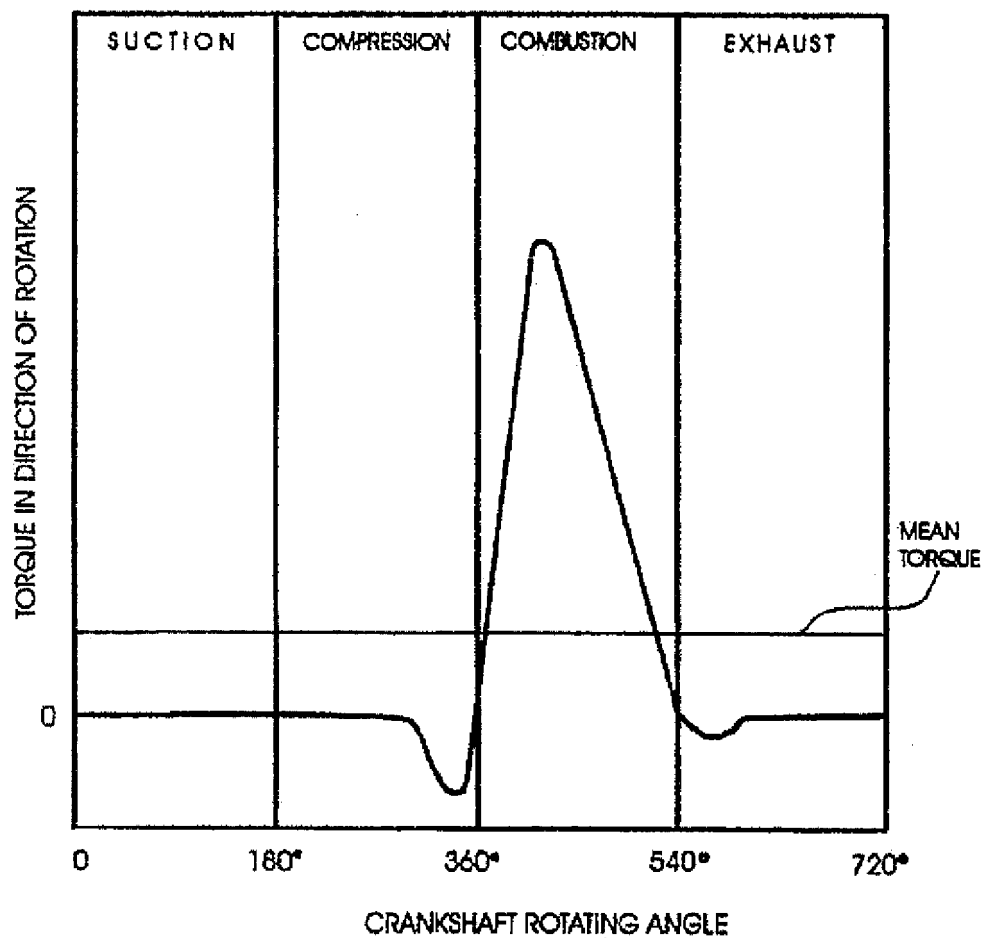
**Figure 2c**



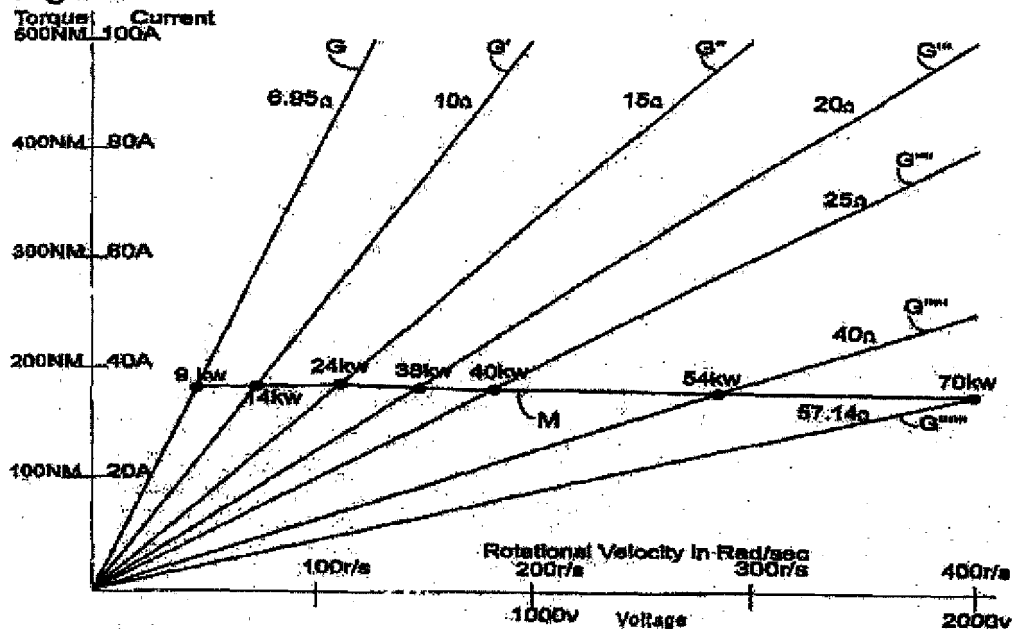
**Figure 2d**



**Figure 3**



**Figure 4**



**Figure 5**

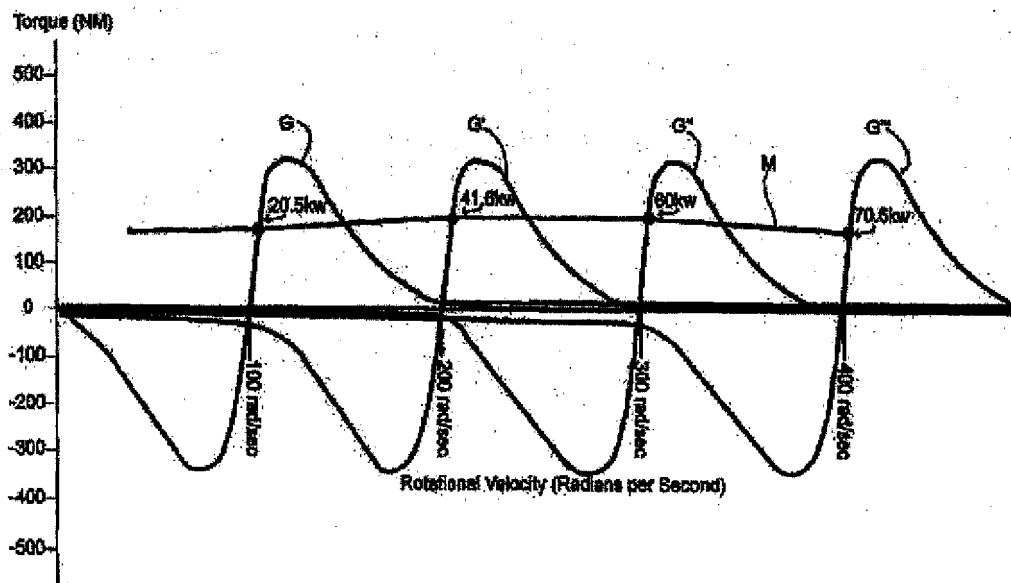


Figure 6

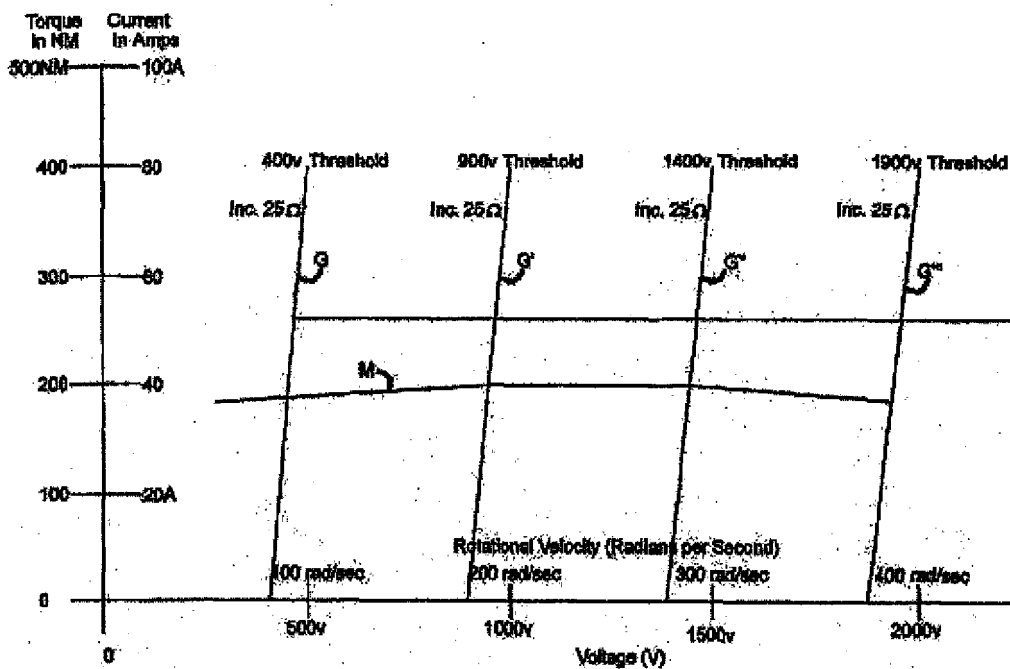


Figure 7

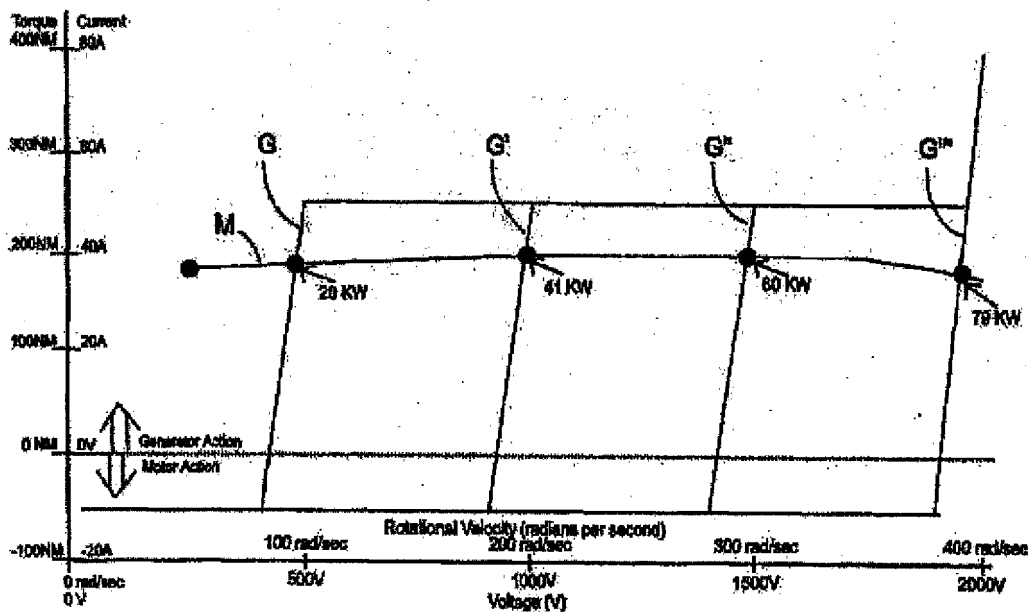




Figure 8a

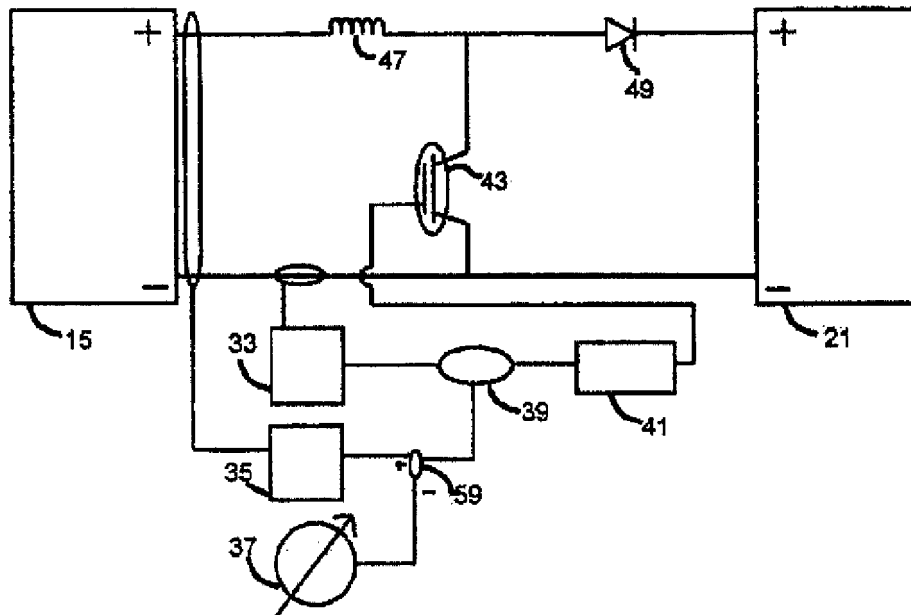


Figure 8b

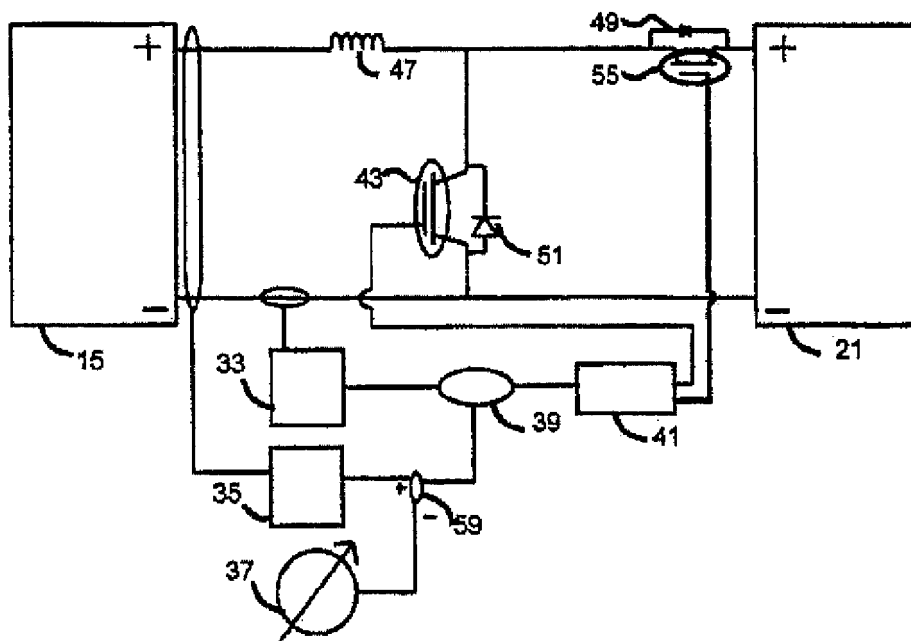


Figure 9b

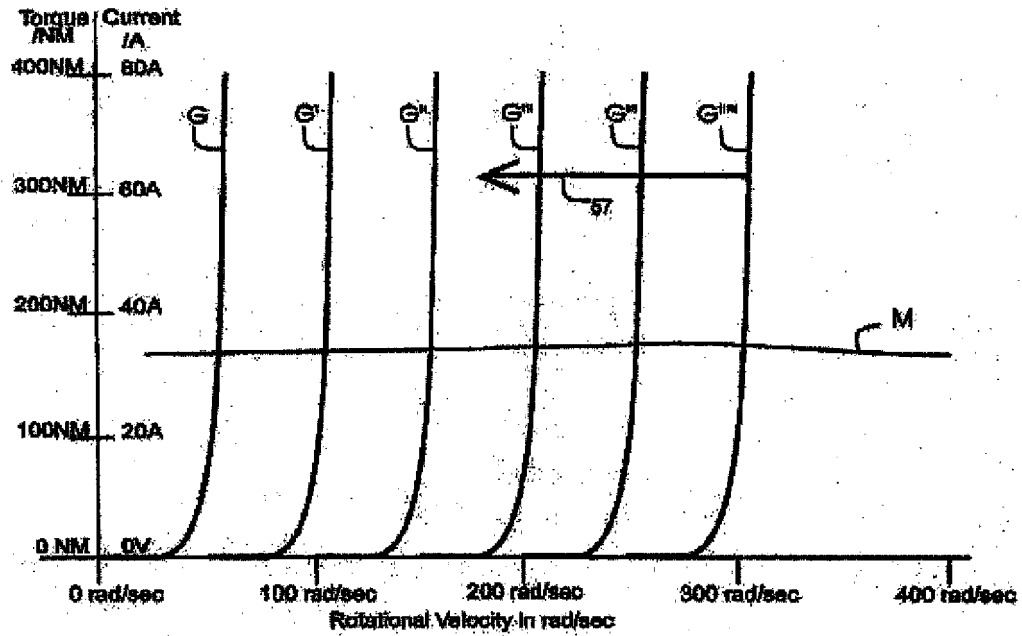
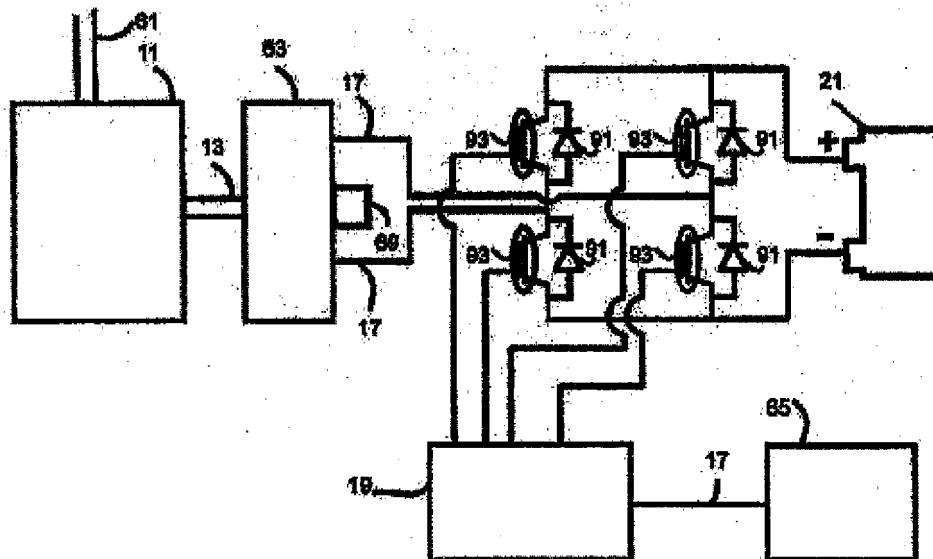
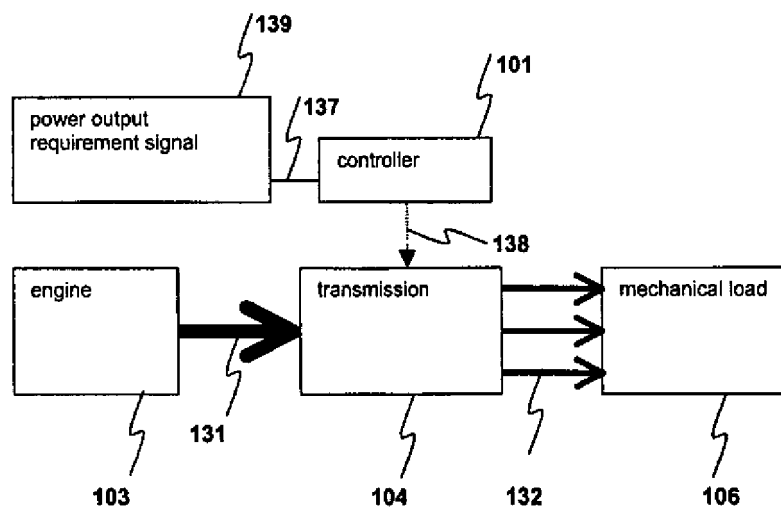


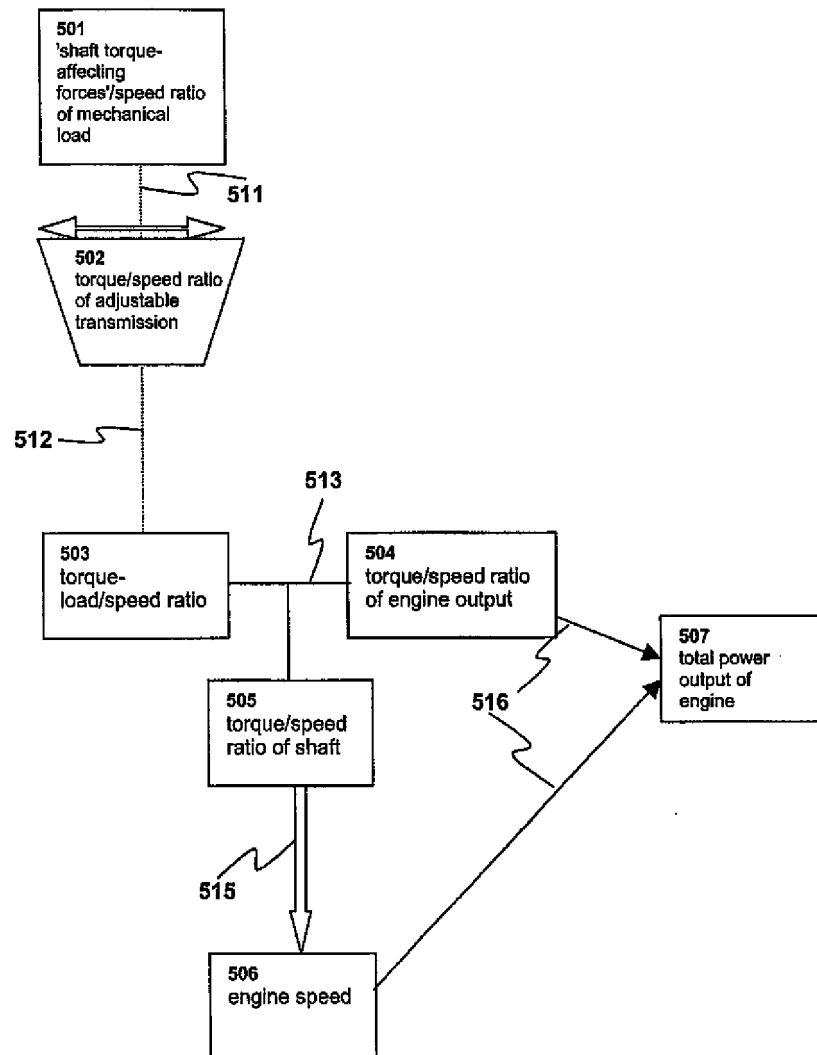
Figure 9c



**Figure 10**



**Figure 11**



**Figure 12a**

step 0 is there a difference between required total power output and total power output?

yes go to step 1

no remain at step 0

step 1 is required total power output greater than total power output?

yes go to step 2

no go to step 3

step 2 increase transmission ratio and wait predetermined time period. Return to step 0

step 3 decrease transmission ratio and wait predetermined time period. Return to step 0

**Figure 12b**

step 0 is there a difference between required total power output and total power output?

yes go to step 1

no remain at step 0

step 1 is required total power output greater than total power output?

yes go to step 2

no go to step 5

step 2 is the difference greater than x?

yes go to step 3

no go to step 4

step 3 increase transmission torque/speed ratio by Group of Gears and wait predetermined time period. Return to step 0

step 4 increase transmission torque/speed ratio by One Gear and wait predetermined time period. Return to step 0

step 5 is the difference greater than x?

yes go to step 6

no go to step 7

step 6 decrease transmission torque/speed ratio by Group of Gears and wait predetermined time period. Return to step 0

step 7 decrease transmission torque/speed ratio by One Gear and wait predetermined time period. Return to step 0

**Figure 13**

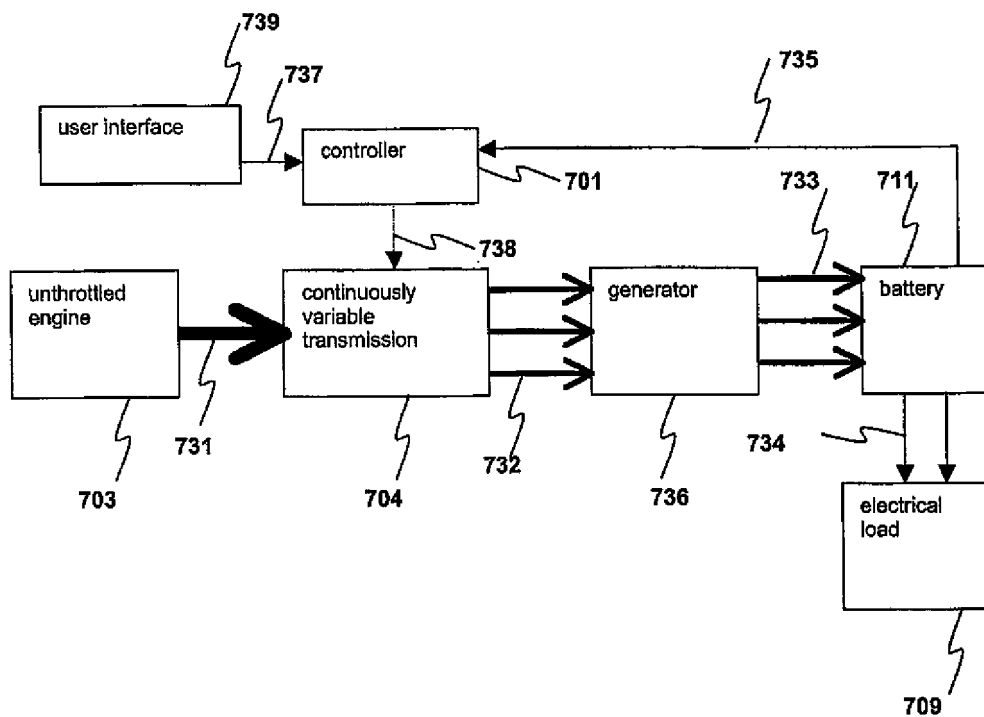
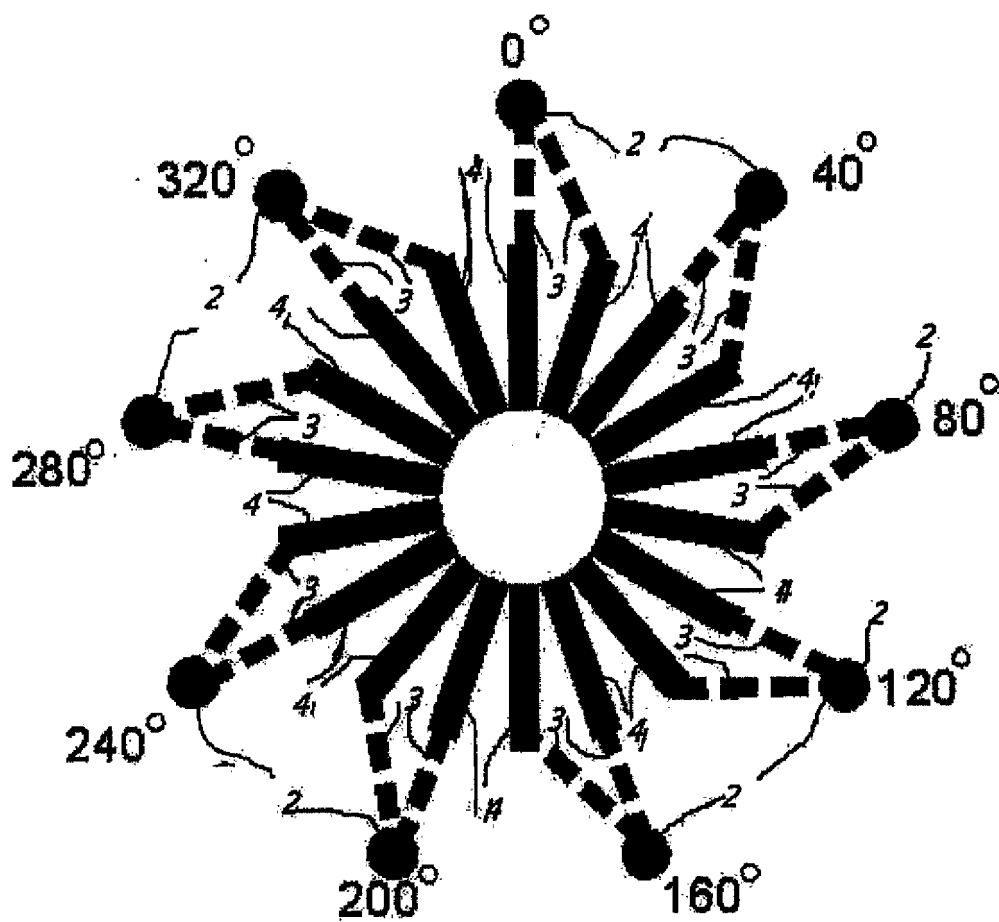
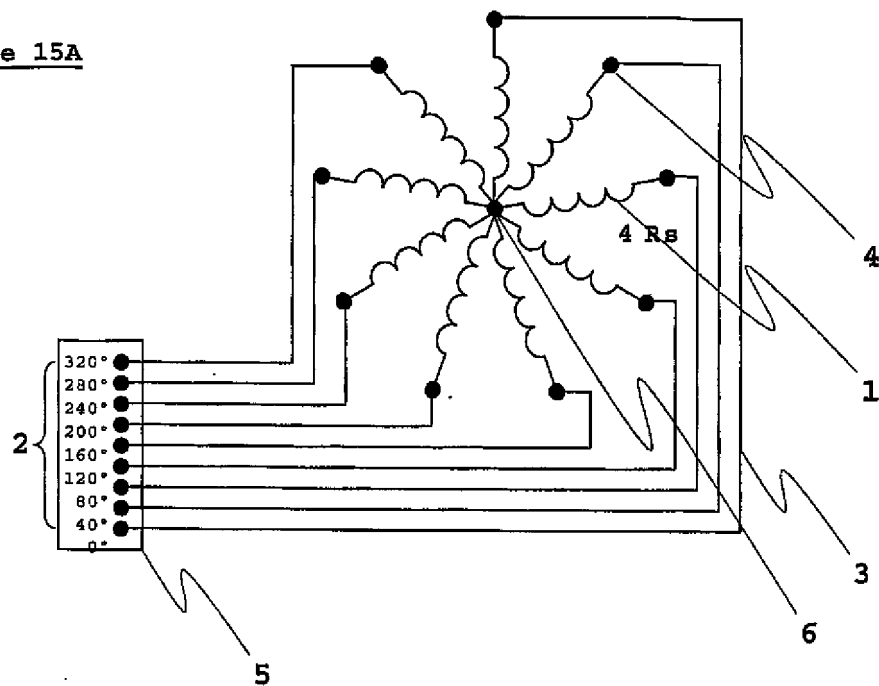


Figure 14



**Figure 15A**



**Figure 15B**

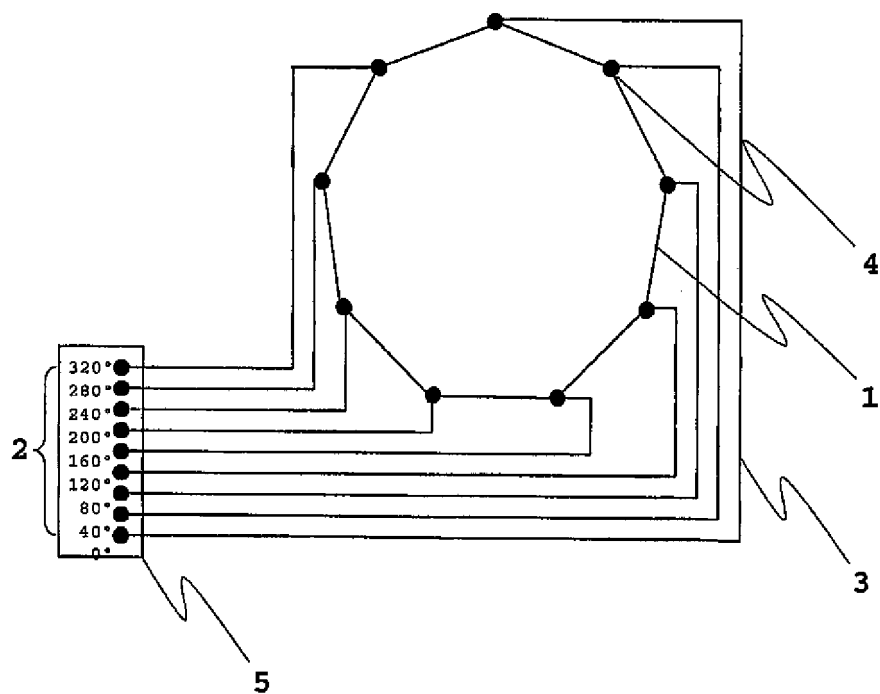




Figure 15C

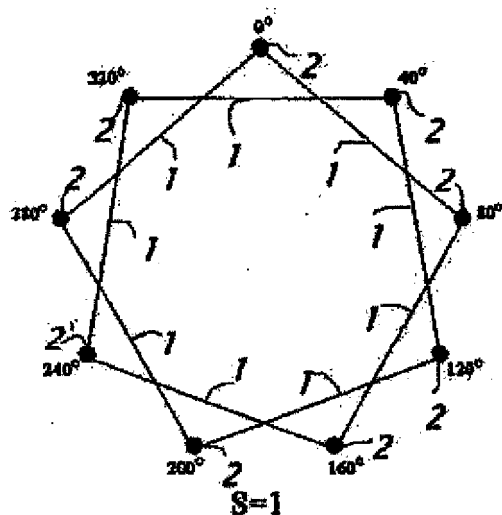


Figure 15D

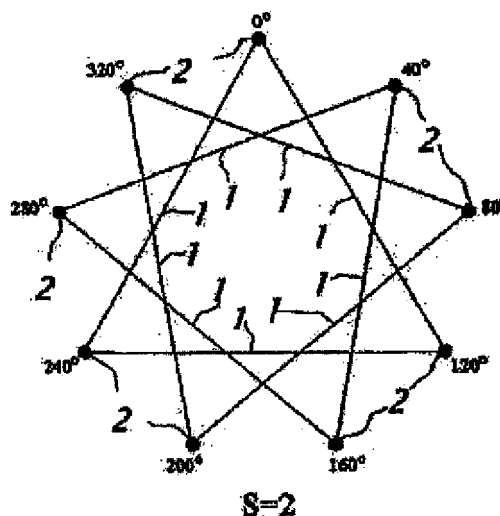


Figure 15E

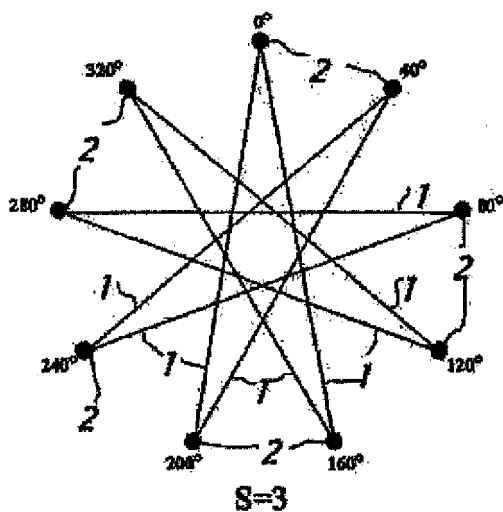


Figure 16A

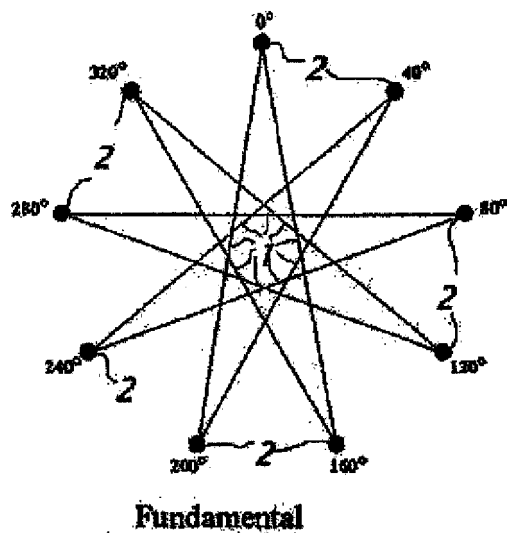


Figure 16B

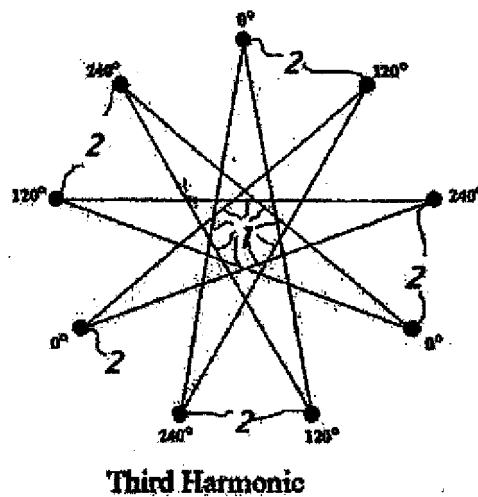


Figure 16C

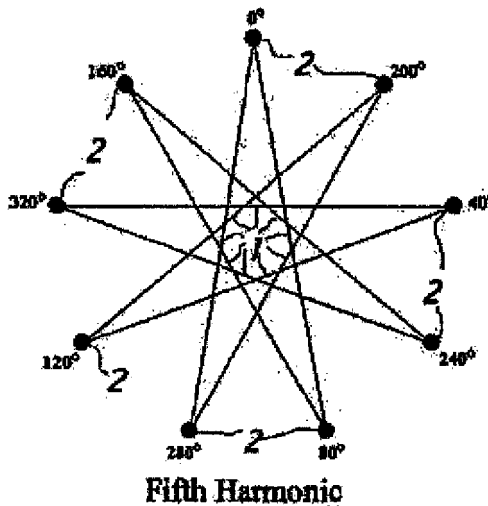


Figure 16D

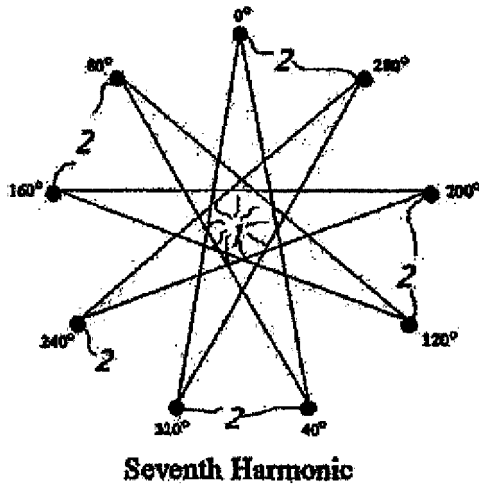


Figure 17A

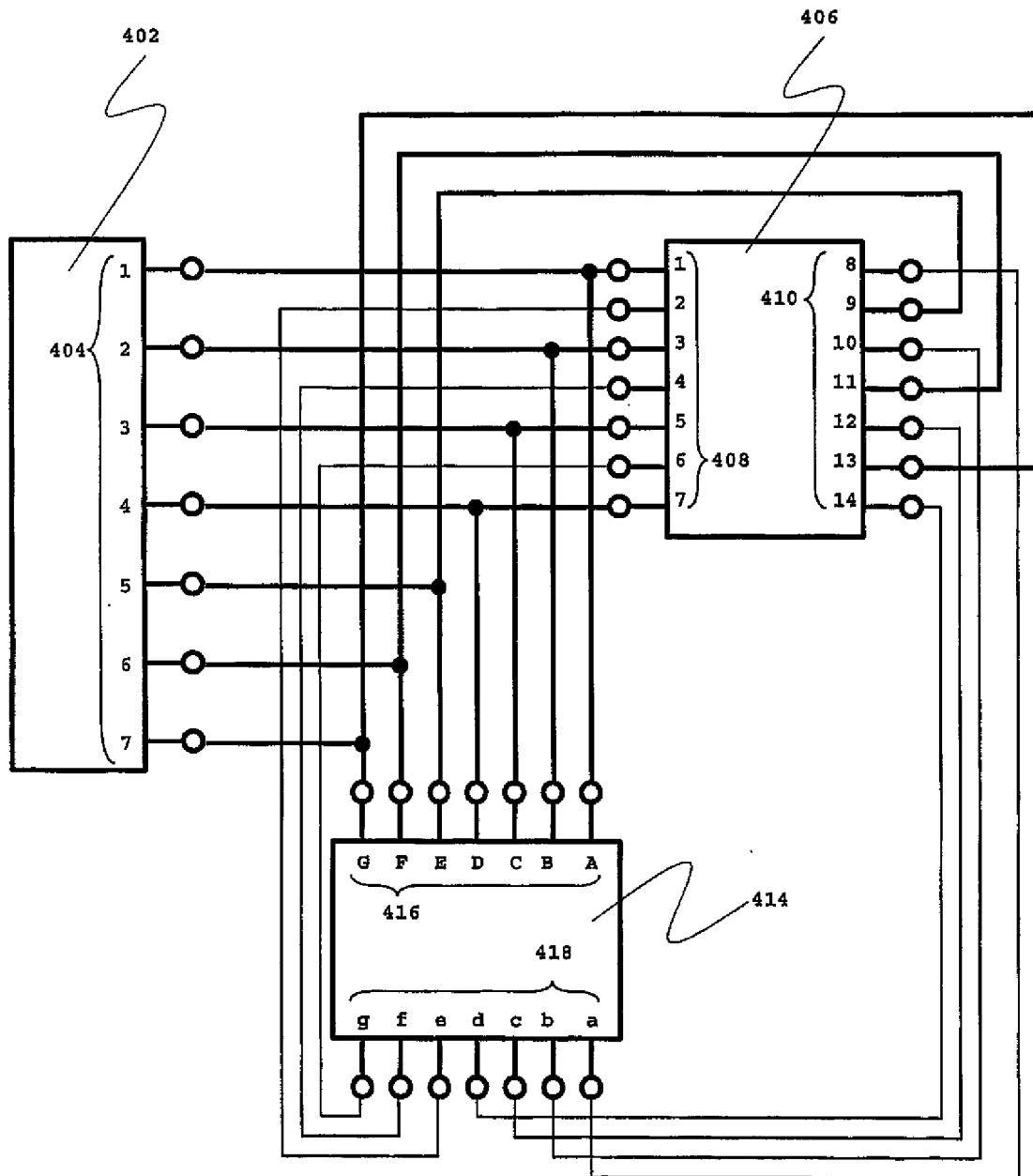


Figure 17B

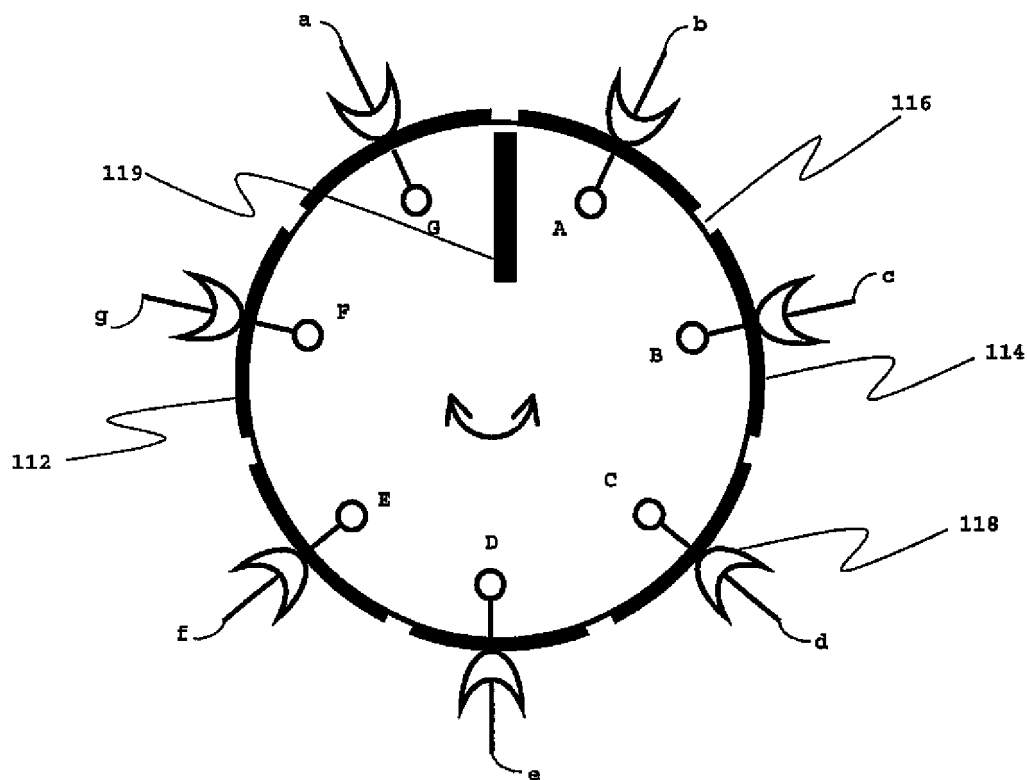


Figure 18A

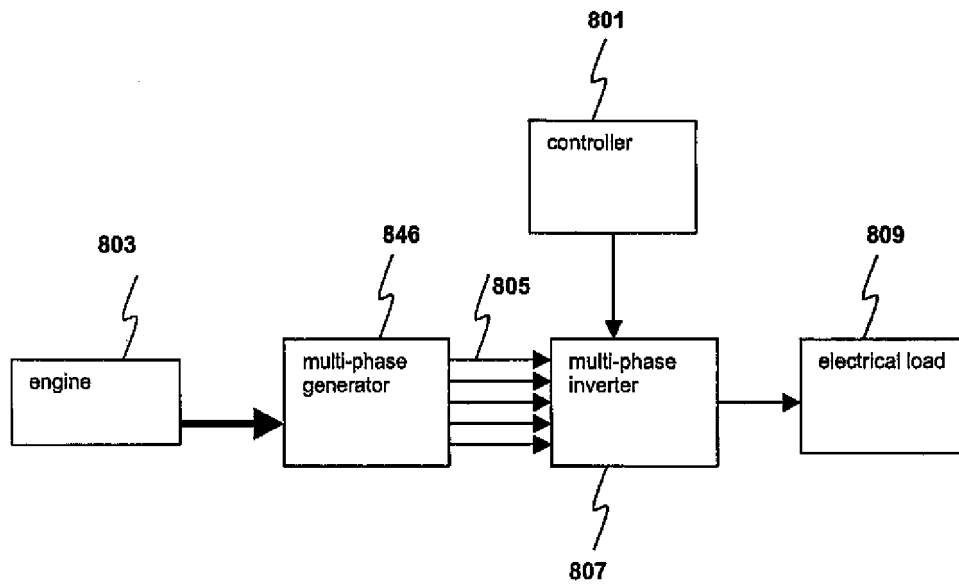
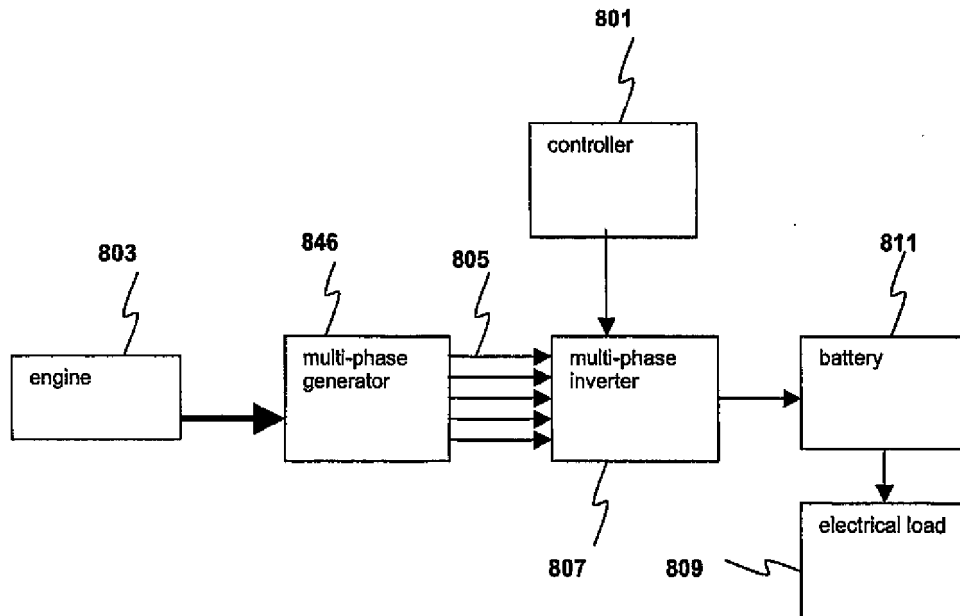


Figure 18B



**Figure 18C**

